Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 13 Sep 2023 until 23:59 on Thursday 14 Sep 2023

Forecast Issued on Tuesday 12 Sep 2023 at 13:55

Confidence: High confidence for a fine day on Wednesday. Low confidence in cloud and precipitation details from Thursday due to a slow-moving band of rain.

Headline for Wednesday 13 Sep 2023: Dry with sunny spells.

Mountain weather hazards on Wednesday 13 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Sunny	Sunny intervals	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	<05%	10%	30%

Forecast for Wednesday 13 Sep 2023

Weather: A chilly start in places with a few mist and isolated fog patches forming in valleys during the early hours. This quickly clearing to leave a dry day with sunny spells. Cloud thickening from the west into the evening.

Chance of cloud-free hill tops above 600m: 90%

Low Cloud and visibility: Poor visibility in early mist and fog in valleys, soon clearing. Fair weather cloud will form from late morning, base around 800-900m, with patches of cloud coming and going on the highest tops through the afternoon. Cloud will tend to become more extensive and descend later, lowering towards 600-700m by sunset and continuing to lower further overnight. Very good visibility for most of the day, with views of surrounding hills, deteriorating with lowering cloud into the evening.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Wednesday 13 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/19 NE	8/16 NE	7/13 NE	9/15 E	8/13 SE	11/17 S	9/15 S	15/24 S	19/28 S
300	7/19 NE	6/15 N	6/15 NE	8/14 E	7/13 SE	9/16 S	5/13 S	9/21 S	10/23 S
Valley	4/15 NE	3/11 NE	5/13 NE	5/10 E	7/13 S	8/16 S	5/13 SE	8/21 S	9/22 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/4	7/4	7/4	9/6	11/10	12/10	11/9	11/8	10/6
300	8/6	7/5	7/5	12/10	15/13	15/13	13/12	12/11	12/10
Valley	9/8	7/6	8/7	13/12	16/14	16/15	15/14	14/13	13/12
Freezing Level*	1500m	1500m	1500m	1500m	1700m	1800m	1900m	2800m	2900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A fine day, but note deteriorating conditions into the evening. Feeling chilly at height, but sun protection is still recommended due to UV levels.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 12 Sep 2023	10.6mm	14.2mm	14.2mm

Forecast for Thursday 14 Sep 2023

Weather: Showery rain arriving from the west overnight, locally heavy at times. This should gradually ease and clear through the morning leaving a brighter afternoon, but is likely to return overnight.

Maximum wind: Southwesterly 20mph gusting 30mph

Chance of cloud-free hill tops above 600m: 70%

Low Cloud and visibility: Extensive low cloud with base around 400m at first, gradually rising towards 700m by the middle of the day then perhaps breaking and largely clearing during the afternoon. Low cloud base 400-500m likely to reform overnight.

Temperature: **Valleys:** Plus 12 Celsius becoming plus 17 Celsius
At 600m: Plus 6 Celsius becoming plus 12 Celsius
Freezing level: Above the summits

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